PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 1457		FOR FURTHER See Form PCT/ISA/220 ACTION as well as, where applicable, item 5 below.							
International application No. PCT/US04/44042		International filing date (day/month/year) (Earliest) Priority		(Earliest) Priority Date (day/month/year) 02 January 2004 (02.01.2004)					
Applicant VESUVIUS									
This interns 1. Basis o a. W lat 2 3	It is also accompanied It is	of a total of sheets. I by a copy of each prior art international search was carr nless otherwise indicated under search was carried out on the rity (Rule 23.1(b)). de and/or amino acid sequent unsearchable (See Box No. 1) og (See Box No. III)	document cited : ied out on the baser this item. basis of a translatice disclosed in the	in this report. sis of the international application in the ation of the international application he international application he international application, see Box No. I.					
5. With	regard to the abstract, the text is approved as submit the text has been established, may, within one month from	according to Rule 38.2(b), b	y this Authority a ternational search	as it appears in Box No. IV. The applicant report, submit comments to this Authority.					
6. With real a. the		applicant. authority, because the applicar authority, because this figure b	nt failed to sugges	st a figure.					
orm PCT/ICA	/210 (first sheet) (Tanuary 20)	MA.							

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/44042

Box No	. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)
I. With a inven	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed tion, the international search was carried out on the basis of: type of material
	a sequence listing
	table(s) related to the sequence listing
b.	format of material
	in written format
	in computer readable form
C.	time of filing/furnishing
	contained in the international application as filed
	filed together with the international application in computer readable form
	furnished subsequently to this Authority for the purposes of search
2.	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additi	ional comments:
rm PCT/	ISA/210 (continuation of first sheet(1)) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/44042

Box No. II	Observations where contain also	
	There certain ciains were found unsearchable (C	continuation of item 2 of first sheet)
_	tional search report has not been established in respect of certain claims under	Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Auth	lority, namely:
2.	Claims Nos.: because they relate to parts of the international application that do not comply an extent that no meaningful international search can be carried our, specifical	with the prescribed requirements to such ally:
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the	second and third sentences of Rule 6.4(a).
Box No. III	Observations where unity of invention is lacking (Continuation of	of item 3 of first sheet)
This Internation	ional Searching Authority found multiple inventions in this international applica	ation, as follows:
1.	As all required additional search fees were timely paid by the applicant, this is searchable claims. As all searchable claims could be searched without effort justifying an addition payment of any additional fee. As only some of the required additional search fees were timely paid by the apcovers only those claims for which fees were paid, specifically claims Nos.:	nal fee, this Authority did not invite
Remark on Pr	No required additional search fees were timely paid by the applicant. Conseque restricted to the invention first mentioned in the claims; it is covered by claims to test The additional search fees were accompanied by the applicant No protest accompanied the payment of additional search fees to continuation of first sheet(2)) (January 2004)	Nos.:

INTERNATIONAL SEARCH REPORT

International application No.

A. CLASSIFICATION OF SUBJECT MATTER		PC1/US04/44042					
A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : C04B 35/484							
US CL : 501/104, 105							
1							
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED							
Minimum documentation searched (classification system followe	d by classification symbols	2)	 				
U.S.: 501/104, 105	·	•					
Documentation searched other than minimum documentation to t	ha avenue shee much de man						
	ne extent that such docume	ints are included in	n the fields searched				
Electronic data base consulted during the international search (na	me of data base and, where	e practicable sear	tch terms used)				
		o praesteaute, scal	en wriga daed)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT							
TO BE RELEVANT							
The state of the s	appropriate, of the relevan	nt passages	Relevant to claim No.				
X US 5,679,612 A (ENDO et al.) 21 October 1997 (21.10.997), claims 1-16 in	columns19-20.	1-26				
		1					
Further documents are listed in the continuation of Box C.	See patent fan	nily annex.					
Special categories of cited documents:							
	- Maior modelineit b	onflict with the applica	national filing date or priority				
"A" document defining the general state of the art which is not considered to be of particular relevance	principle or theor	ry underlying the inven	ntion				
	"X" document of part	icular relevance: the el	laimed invention cannot be				
"E" carlier application or patent published on or after the international filing date	considered novel	or cannot be considered	ed to involve an inventive step				
"L" document which may throw doubts on priority claim(s) or which is cited to	when the docume	ent is taken alone					
establish the publication date of another citation or other special reason (as specified)	"Y" document of part	cicular relevance; the ci	aimed invention cannot be				
	considered to inv	rolve an inventive step	when the document is documents, such combination				
"O" document referring to an oral disclosure, use, exhibition or other means	being abvious to	a person skilled in the	an such combination				
"P" document published prior to the international filing date but later than the							
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Date of the actual completion of the international search	Date of mailing of the in	Oternational seaso	7980#				
	07 000 0	Date of mailing of the international search report					
30 March 2005 (30.03.2005)	07 APR 2005						
Name and mailing address of the ISA/US	Authorized officer	1	///				
Mail Stop PCT, Atm: ISA/US Commissioner for Patents	Paul Marcantoni MM						
P.O. Box 1450							
Alexandria, Virginia 22313-1450	Telephone No. 571-272	-1373					
Pacsimile No. (703) 305-3230							
orm PCT/ISA/210 (second sheet) (January 2004)							